

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN060524\  
 Data File : BN031783.D  
 Acq On : 04 Jun 2024 19:31  
 Operator : MA/JU  
 Sample : P2591-01  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BH5W0

Quant Time: Jun 05 00:37:43 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN052924.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed May 29 15:13:07 2024  
 Response via : Initial Calibration

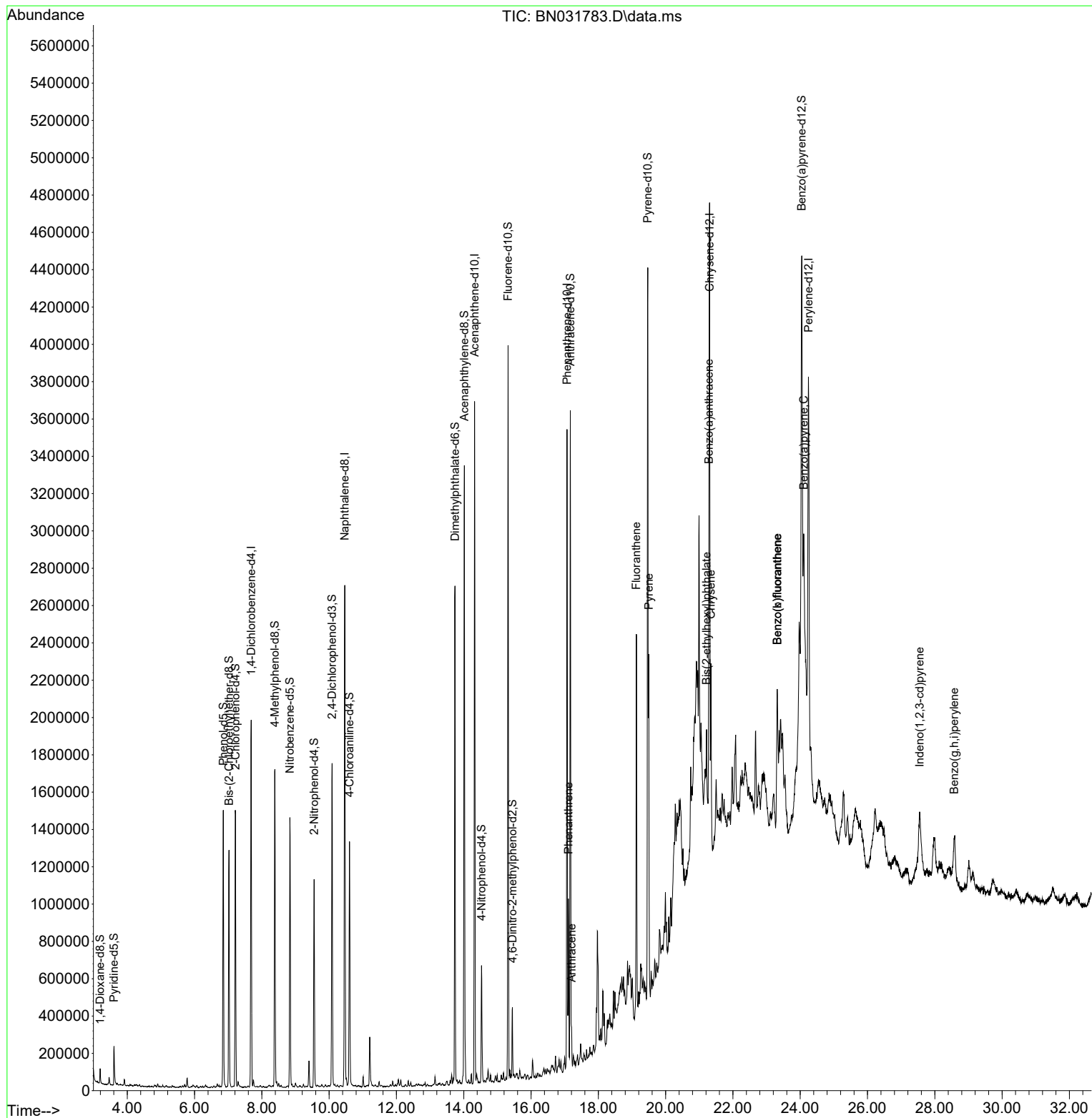
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.681  | 152  | 557260   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.463 | 136  | 2270478  | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.322 | 164  | 1242003  | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.069 | 188  | 2034507  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.304 | 240  | 1580547  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.245 | 264  | 1904830  | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.193  | 96   | 43459    | 3.226  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.605  | 84   | 122637   | 3.234  | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 6.852  | 99   | 927106   | 19.407 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.022  | 67   | 538664   | 19.277 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.216  | 132  | 748318   | 20.529 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.381  | 113  | 706086   | 18.132 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.834  | 128  | 380912   | 21.942 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.552  | 143  | 389235   | 21.705 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.087 | 165  | 668847   | 19.978 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.604 | 131  | 758551   | 15.260 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.740 | 166  | 1876872  | 21.692 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.016 | 160  | 2227466  | 22.389 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.528 | 143  | 142313   | 8.215  | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.316 | 176  | 1504848  | 20.555 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.445 | 200  | 83852    | 8.200  | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.169 | 188  | 1978615  | 22.716 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.469 | 212  | 1979344  | 23.402 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.045 | 264  | 2022769  | 22.239 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 72) Phenanthrene              | 17.110 | 178  | 514892   | 4.968  | ng/u1  | 99       |
| 74) Anthracene                | 17.204 | 178  | 129619   | 1.234  | ng/u1  | 98       |
| 80) Fluoranthene              | 19.128 | 202  | 1197676  | 11.849 | ng/u1  | 100      |
| 82) Pyrene                    | 19.498 | 202  | 1108612  | 10.690 | ng/u1  | 97       |
| 85) Benzo(a)anthracene        | 21.286 | 228  | 625888   | 5.916  | ng/u1  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.216 | 149  | 145087   | 2.032  | ng/u1# | 94       |
| 87) Chrysene                  | 21.345 | 228  | 621886   | 6.293  | ng/u1  | 99       |
| 90) Benzo(b)fluoranthene      | 23.316 | 252  | 902456   | 7.926  | ng/u1  | 98       |
| 91) Benzo(k)fluoranthene      | 23.316 | 252  | 902456   | 8.078  | ng/u1  | 98       |
| 93) Benzo(a)pyrene            | 24.104 | 252  | 596280   | 5.592  | ng/u1# | 94       |
| 94) Indeno(1,2,3-cd)pyrene    | 27.551 | 276  | 421474   | 3.430  | ng/u1  | 95       |
| 96) Benzo(g,h,i)perylene      | 28.574 | 276  | 225191   | 2.305  | ng/u1  | 98       |
| -----                         |        |      |          |        |        |          |

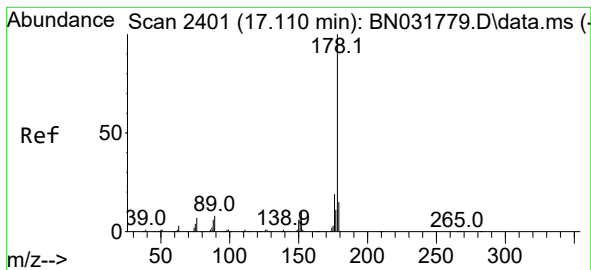
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN060524\  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN052924.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed May 29 15:13:07 2024  
Response via : Initial Calibration





#72

Phenanthrene

Concen: 4.968 ng/ul

RT: 17.110 min Scan# 2401

Delta R.T. -0.006 min

Lab File: BN031783.D

Acq: 04 Jun 2024 19:31

Instrument :

BNA\_N

ClientSampleId :

BH5W0

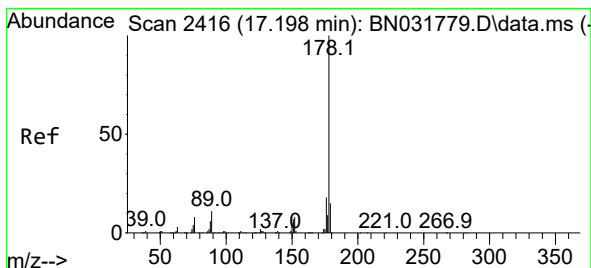
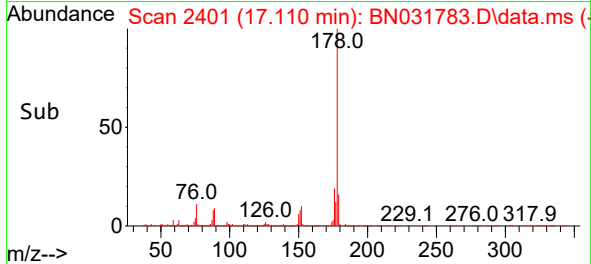
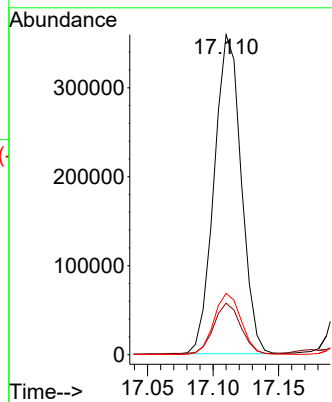
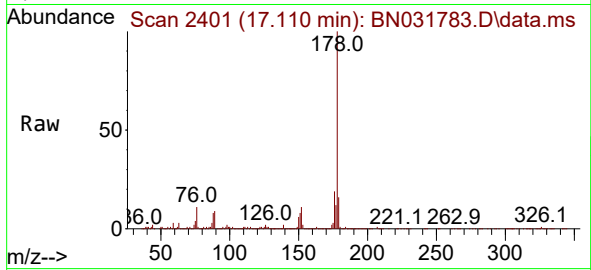
Tgt Ion:178 Resp: 514892

Ion Ratio Lower Upper

178 100

179 16.1 12.6 19.0

176 19.2 15.8 23.6



#74

Anthracene

Concen: 1.234 ng/ul

RT: 17.204 min Scan# 2417

Delta R.T. -0.000 min

Lab File: BN031783.D

Acq: 04 Jun 2024 19:31

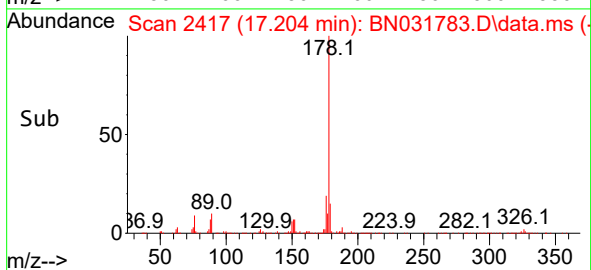
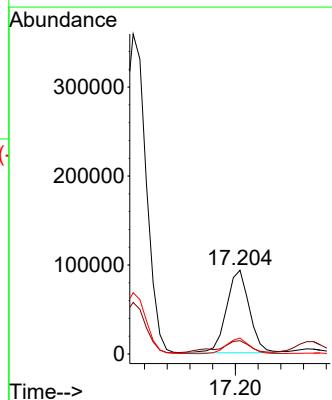
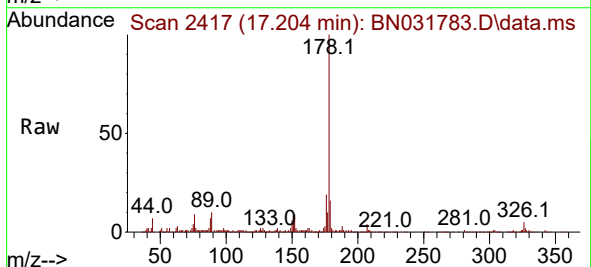
Tgt Ion:178 Resp: 129619

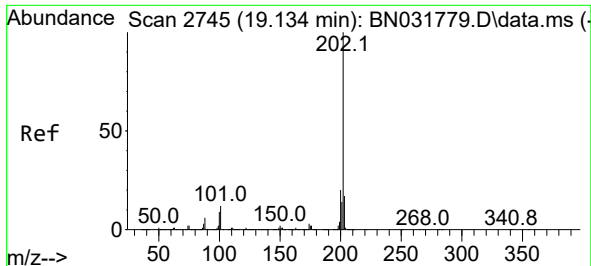
Ion Ratio Lower Upper

178 100

179 15.9 11.8 17.6

176 19.0 14.8 22.2

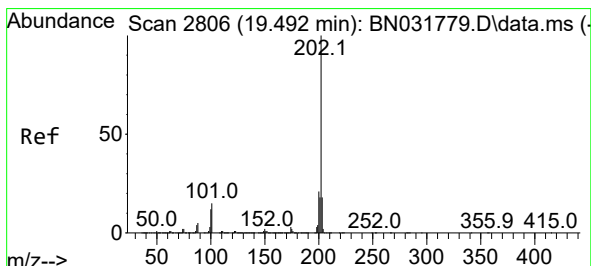
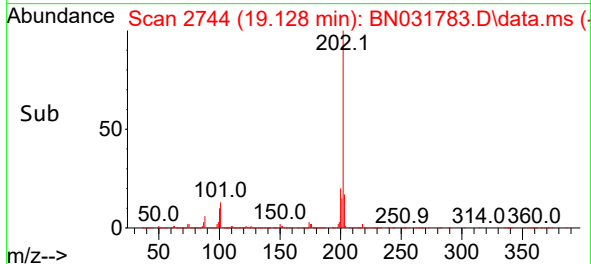
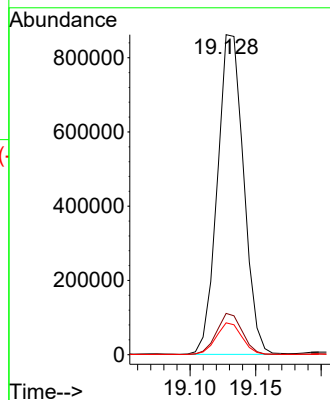
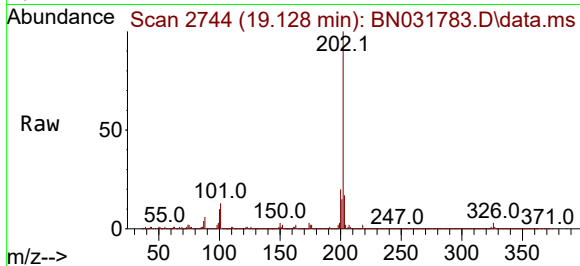




#80  
Fluoranthene  
Concen: 11.849 ng/ul  
RT: 19.128 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BN031783.D  
Acq: 04 Jun 2024 19:31

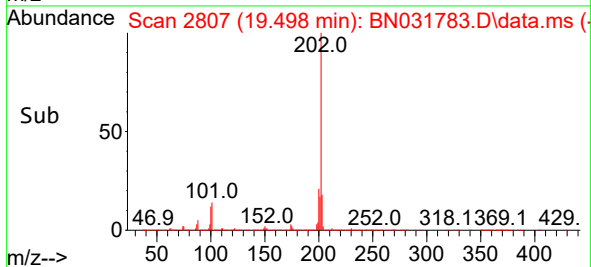
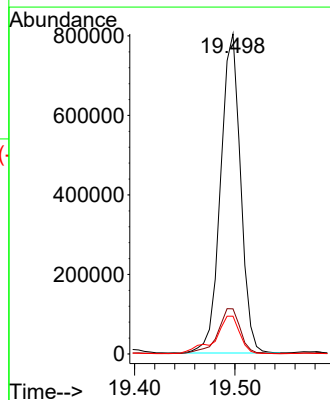
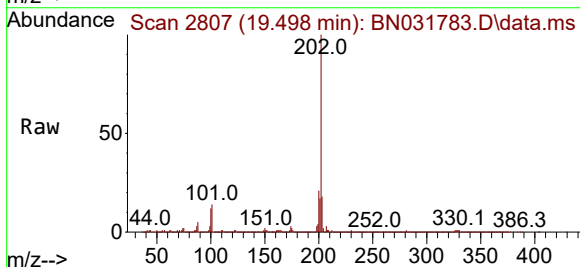
Instrument :  
BNA\_N  
ClientSampleId :  
BH5W0

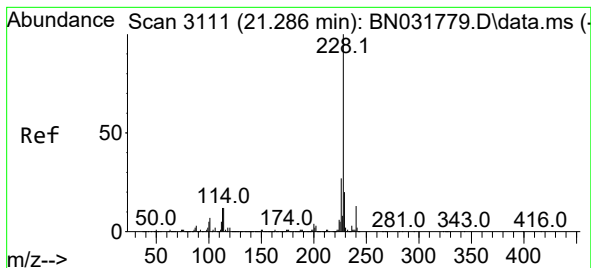
Tgt Ion:202 Resp: 1197676  
Ion Ratio Lower Upper  
202 100  
101 12.9 10.3 15.5  
100 10.0 8.0 12.0



#82  
Pyrene  
Concen: 10.690 ng/ul  
RT: 19.498 min Scan# 2807  
Delta R.T. 0.006 min  
Lab File: BN031783.D  
Acq: 04 Jun 2024 19:31

Tgt Ion:202 Resp: 1108612  
Ion Ratio Lower Upper  
202 100  
101 14.1 12.6 18.8  
100 11.8 10.2 15.2





#85

Benzo(a)anthracene

Concen: 5.916 ng/ul

RT: 21.286 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BN031783.D

Acq: 04 Jun 2024 19:31

Instrument :

BNA\_N

ClientSampleId :

BH5W0

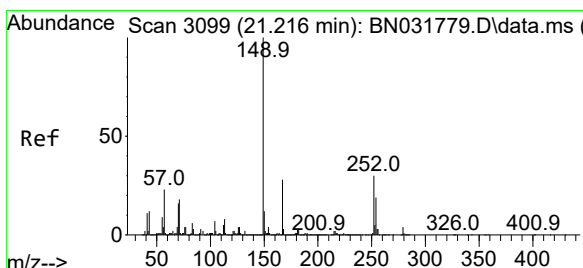
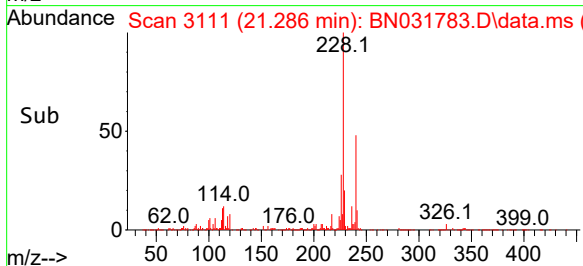
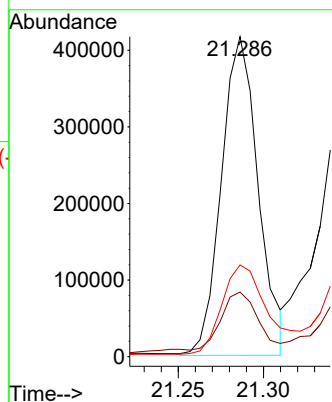
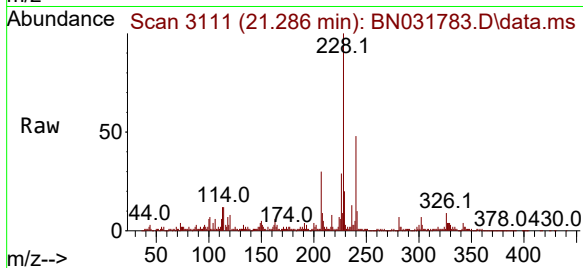
Tgt Ion:228 Resp: 625888

Ion Ratio Lower Upper

228 100

229 20.2 16.7 25.1

226 28.7 22.8 34.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 2.032 ng/ul

RT: 21.216 min Scan# 3099

Delta R.T. -0.006 min

Lab File: BN031783.D

Acq: 04 Jun 2024 19:31

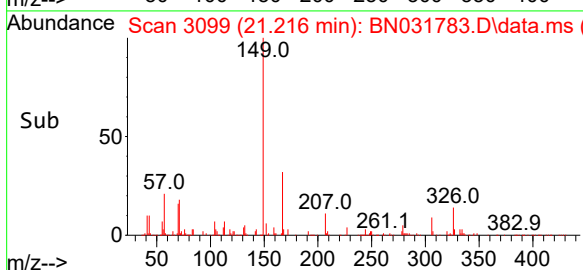
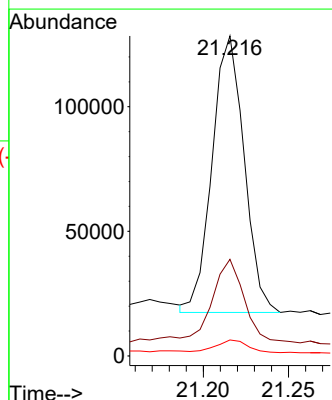
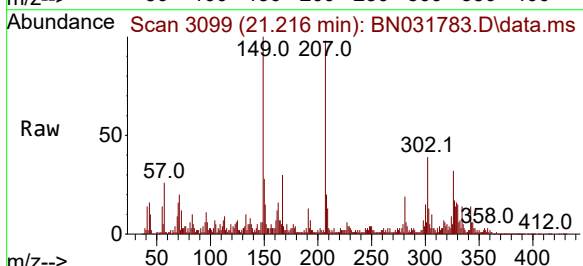
Tgt Ion:149 Resp: 145087

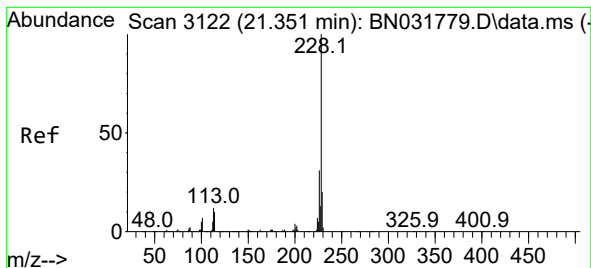
Ion Ratio Lower Upper

149 100

167 30.2 21.4 32.0

279 5.0 3.3 4.9#





#87

Chrysene

Concen: 6.293 ng/ul

RT: 21.345 min Scan# 3122

Delta R.T. -0.006 min

Lab File: BN031783.D

Acq: 04 Jun 2024 19:31

Instrument :

BNA\_N

ClientSampleId :

BH5W0

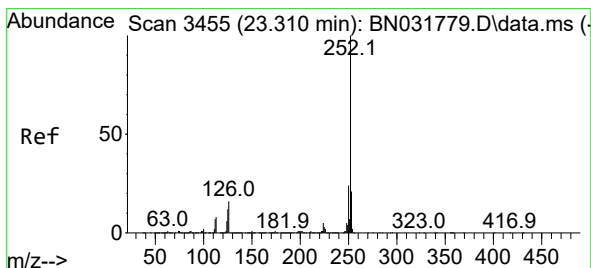
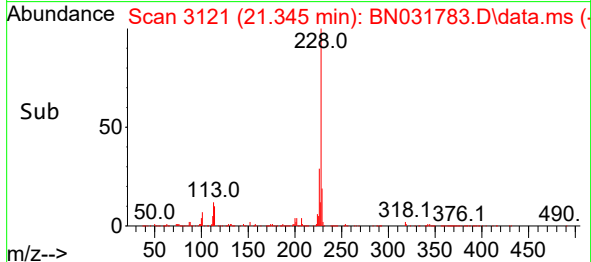
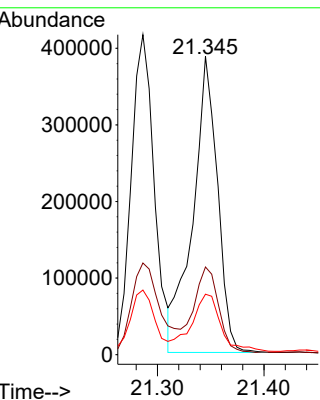
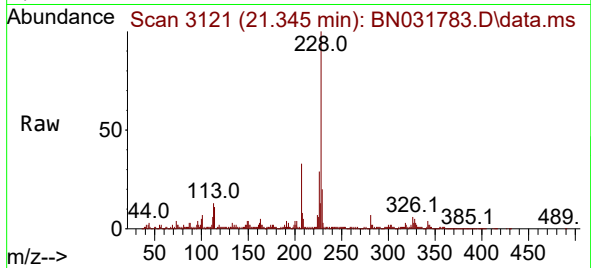
Tgt Ion:228 Resp: 621886

Ion Ratio Lower Upper

228 100

226 29.4 23.7 35.5

229 20.3 15.1 22.7



#90

Benzo(b)fluoranthene

Concen: 7.926 ng/ul

RT: 23.316 min Scan# 3456

Delta R.T. 0.006 min

Lab File: BN031783.D

Acq: 04 Jun 2024 19:31

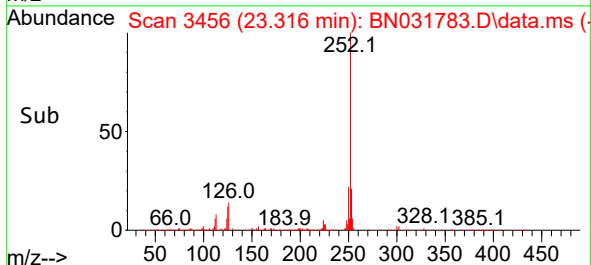
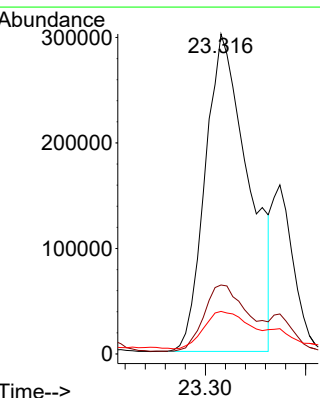
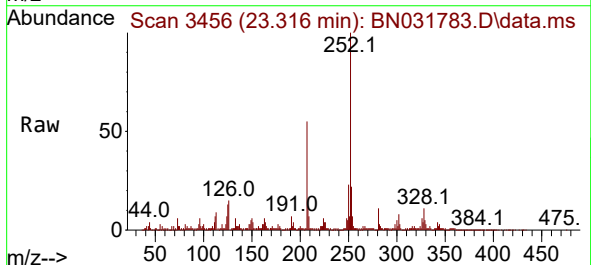
Tgt Ion:252 Resp: 902456

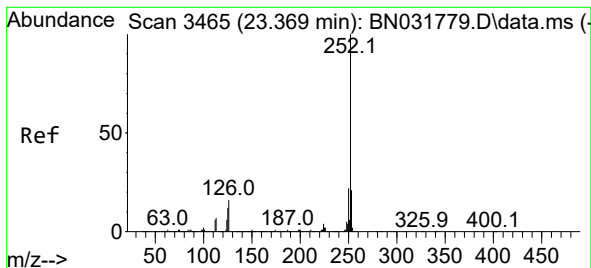
Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.6

125 13.3 9.2 13.8





#91

Benzo(k)fluoranthene

Concen: 8.078 ng/ul

RT: 23.316 min Scan# 3465

Delta R.T. -0.059 min

Lab File: BN031783.D

Acq: 04 Jun 2024 19:31

Instrument :

BNA\_N

ClientSampleId :

BH5W0

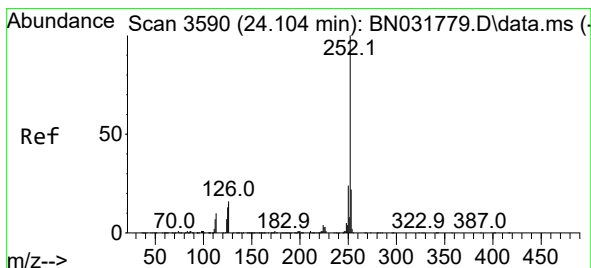
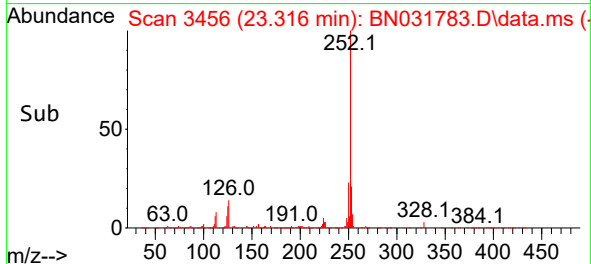
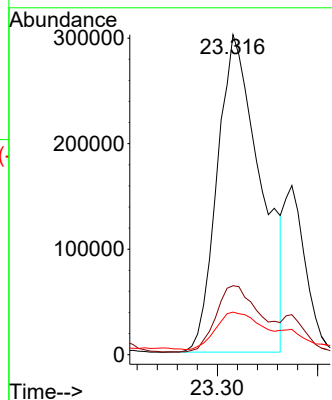
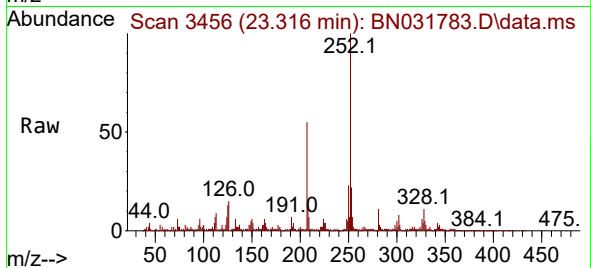
Tgt Ion:252 Resp: 902456

Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

125 13.3 9.4 14.2



#93

Benzo(a)pyrene

Concen: 5.592 ng/ul

RT: 24.104 min Scan# 3590

Delta R.T. -0.000 min

Lab File: BN031783.D

Acq: 04 Jun 2024 19:31

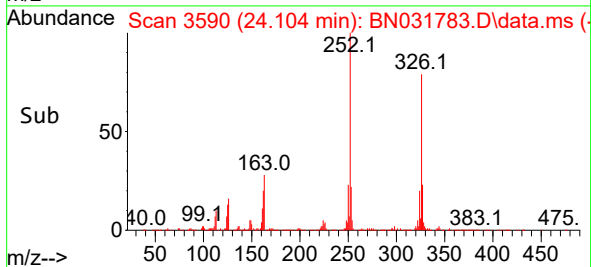
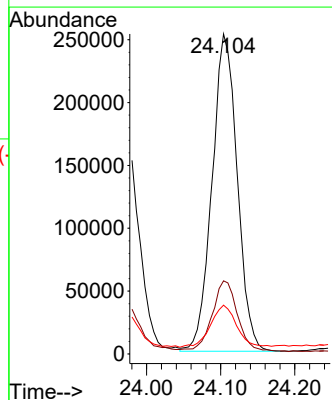
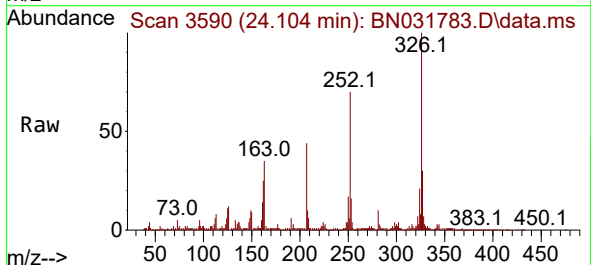
Tgt Ion:252 Resp: 596280

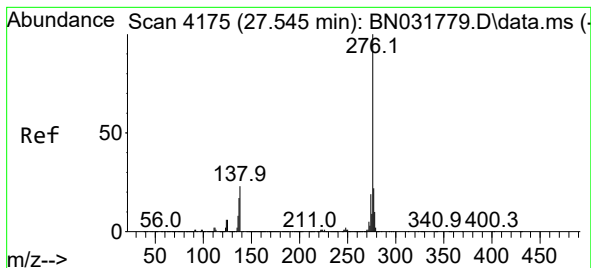
Ion Ratio Lower Upper

252 100

253 22.9 16.6 24.8

125 15.2 9.8 14.8#





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.430 ng/ul

RT: 27.551 min Scan# 4175

Delta R.T. 0.018 min

Lab File: BN031783.D

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BNA\_N

ClientSampleId :

BH5W0

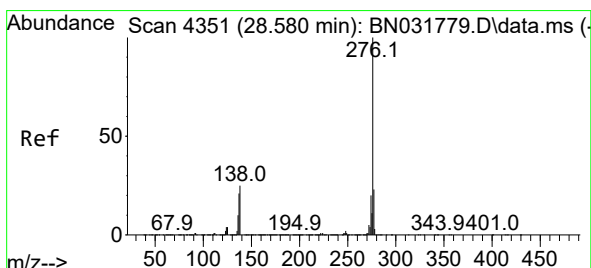
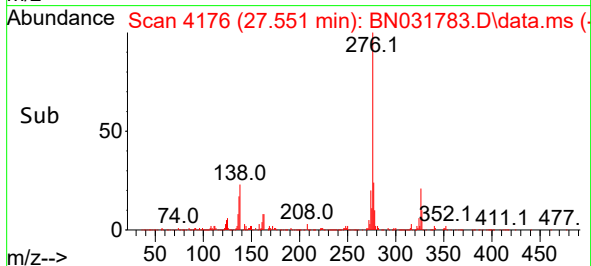
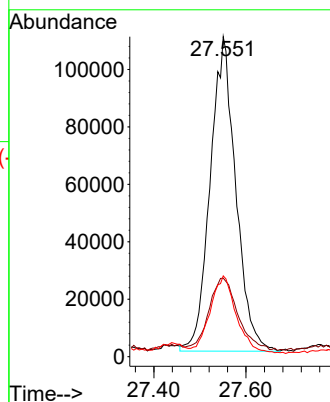
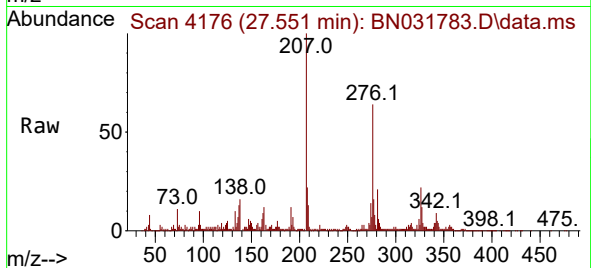
Tgt Ion:276 Resp: 421474

Ion Ratio Lower Upper

276 100

138 24.6 18.1 27.1

277 25.3 18.2 27.2



#96

Benzo(g,h,i)perylene

Concen: 2.305 ng/ul

RT: 28.574 min Scan# 4350

Delta R.T. 0.006 min

Lab File: BN031783.D

Acq: 04 Jun 2024 19:31

Tgt Ion:276 Resp: 225191

Ion Ratio Lower Upper

276 100

138 27.7 20.9 31.3

277 23.4 18.0 27.0

